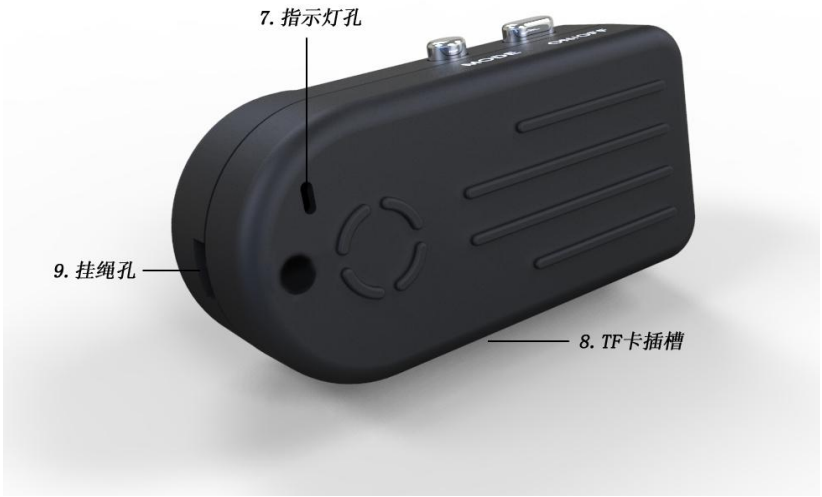
HD Mini Camcorder

This product is the world's first Mini DV camera, which has the features of simple operation, small and exquisite, beautiful and practical, easy to carry, is a practical tool in business, education, security, media, justice, tourism, health, life, etc.. And favored by the majority of users. Users need to strictly in accordance with the guide of instructions to use this product, because if you damage this product by the improper product operation, our company will no longer provide warranty and after sale service for it.

Button description：



1. ON/OFF 2. MODE 3.mic 4.IR light 5.Camera

6. USB hole 7. Indicator 8. TF slot 9. Lanyard hole

Charge:

This machine has built-in rechargeable lithium battery, please charge for the initial use, and follow the below ways to charge:

1) Connect it to computer via Use USB data line to charge

2) Can use Charger to charge, connect it to charger via USB data line and plug the charger in plug socket.

When charging, blue light is off and red light flashes indicates charging, machine with electric lights, red light without flashing means fully charged.

State of Indicator:

1、If low battery, machine lights will flash and shutdown. The current record file will automatically be saved

2、If memory card is full, blue light will flashes fast and shut down and current record file will automatically be saved

3. Red light and red light will flash fast if no memory in machine and automatically shut down in 10 seconds.

4. In any state of standby mode, if machine has been idle without any operation, machine will shut down in 1 minute.

5. In video's standby mode, blue light is off and red light is on. Blue light flashes regularly in video's working mode.

6. In standby mode of photographing, red light is on. In working mode of photographing, blue light flashes one time for one picture without red light.

7. in standby mode sound recording, red and blue lights on at the same time. In working mode of sound recording, blue light on and red light regularly flashes.

Video recording:

Press ON/OFF to boot, both red light and blue light on at the same time, then blue light of and red light on. At this time, machine enters into the state of video standby. Now press ON/OFF one time, red light will flash regularly and machine will start video recording. If press ON/OFF during video recording, recording file will be saved automatically, and machine go back to the state of video standby. After machine starts recording video, it continues to record and saves one AVI file every 5 minutes unless there is a manual stop. File will be automatically saved and machine will shut down if there is no power or memory.

Photographing:

Boot into standby mode when recording video. Press button, red light off, blue light on,

machine enters into photographing standby mode. Now press o button ON/OFF once, blue light flashes means one picture taken.

Sound recording：

boot to video mode, press button MODE for once, red light off, blue light on, means enter into photographing mode, press button MODE again, red light and blue light both on at the same time, now machine enter into standby mode of separate recording, now press ON/OFF one time, blue light on and red light flashes slowly, machine starts recording sound. In this state, press ON/OFF again for stopping. After machine starts recording, it continues to record and saves one file every 15 minutes unless there is a manual stop. File will be automatically saved and machine will shut down if there is no power or memory.

Charging video：

Connect charger to power by data cable. When connecting to power, red light of machine; flashes means charging. Now long press button MODE, red light on and machine enter into the state of video recording, machine automatically boot and enters into the mode of video recording, now you can operate machine as usually. Machine can record sound and video, photograph etc. if not long press button MODE, machine charges after connecting to power, red light flashes and blue light off means charging, red light on if fully charged.

IR light

The machine after start, in any mode and state. just long press MODE key . When yellow light is lit up, said night vision function is open. Closing night vision function is also long press MODE key. When yellow lights, said night vision function has been closed

Function of computer camera：

After installed the driver files in CD, you can use this machine as PC camera, in the state of on, long press MODE and plug USB, after connected to computer, you can see a camera icon in My Computer, now release button Mode. Can use it normally by clicking icon camera.

Shutdown： after boot machine，if you want to shut down machine in any mode, just long press button ON/FF for 5 minutes, blue light off means shutdown. If machine shuts down during recording, file will be saved automatically.

Reset： When the machine is not able to work normally because of illegal operation or other unknown reasons, you can reset it by long pressing button MODE and at the same time

pressing ON/OFF button, indicator is off means successfully reset. Now you can boot and use machine normally.

Setting and modifying time

Specific usage is as follows：

U disk mode of connecting to computer via USB cable, after modified the time in file TIMERSET.TXT which is located in the attached CD in accordance with format, copy the TXT file to U disk's root directory. Then pull off USB line, and then reboot machine. RTC time watermark is written to the machine can use this same way to remove time watermark also.

1：20110908142432 Y （with time watermark）

2：20110908142432 N （without time watermark）

Disposal: please pay attention to environmental protection; do not casually discard this product. Throwing this product into the fire is prohibited to avoid explosion

Parameters

Item	parameter
video format	AVI
video encoding	M-JPEG
Video Resolution	1920 * 1080
Photographing	12milion pixels
Video Frame Rate	30fps
Picture format	JPG
Image ratio	4:3
Camera resolution	320*240
Playing software	Software built in operating system or Mainstream audio and video
Support system	Windows me/2000/xp/2003/vista; Mac os; Linux;
Working time	About 100 minutes
Charging voltage	DC-5V
Interface type	Mini 8Pin USB
Storage support	Micro SD (TF card)